

Elizabeth L. Crouch
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Present Title and Affiliation: Tenure-Track Assistant Professor
Department of Health Services Policy and Management
Deputy Director, Rural and Minority Health Research Center
Arnold School of Public Health
University of South Carolina

Education

PhD Clemson University, December 2012
Major: Policy Studies

M.S. Clemson University, August 2010
Major: Applied Economics and Statistics

B.S. Centre College, May 2008
Major: Financial Economics

Professional Experience

August 2017- present: Tenure-Track Assistant Professor, Health Services Policy and Management, University of South Carolina, Columbia, South Carolina.

June 2015- August 2017: Research Assistant Professor, Health Services Policy and Management, University of South Carolina, Columbia, South Carolina.

May 2013-May 2015: Senior Research Associate, The Division of Medicaid Policy and Research, Institute for Families in Society, University of South Carolina, Columbia, South Carolina.

August 2012- May 2013: Instructor of Economics, Anderson University, Anderson, South Carolina.

Summer 2011, Summer 2012: Faculty, Governor’s Scholars Program of Kentucky, Murray State University, Murray, Kentucky.

August 2010-May 2013: Adjunct Instructor of Economics and Statistics, TriCounty Technical College, Pendleton, South Carolina.

August 2009-December 2011: Research Assistant, Cotton, Inc., Clemson, South Carolina.

August 2008- December 2012: Research Assistant/Instructor, Clemson University, Clemson, South Carolina.

Professional Service

Deputy Director of the Rural and Minority Health Research Center, 2018-present.

Board of Trustees, National Rural Health Association, Research and Education Chair, 2019-present.

South Carolina Rural and Primary Healthcare Advisory Committee, 2019-present.

Editorial Board for the Journal of Rural Health, 2019-2021.

National Rural Health Association Rural Health Fellow Program, 2018-2019.

Honors & Awards

University of South Carolina Breakthrough Star, 2021.

Delta Omega Honor Society Induction, Mu Chapter, on May 8, 2019. University of South Carolina, Arnold School of Public Health. 2018-2019 Faculty Inductee.

Cotton Incorporated Doctoral Research Fellowship, August 2009-December 2011.

Full Assistantship, Clemson University, 2008-2012.

Faculty (4 year full-tuition) Scholarship, Centre College, August 2004- May 2008.

Research Support

Grants and Contracts Funded as Principal Investigator (Total funding as PI > \$6,700,000)

Improving STD Prevention and Care Through Partnerships

CDC Foundation/ National Foundation for the Centers for Disease and Control and Prevention, Inc.

1/1/2021-7/31/2022

Total Award- \$308,750

FY 21 Maternal Infant and Early Childhood Home Visiting Program Coordinated Evaluation

09/31/2021 – 09/29/2023

Health Resources & Services Administration (HRSA)/HHS in collaboration with Children's Trust of South Carolina

Total Award - \$321,191

Rural Border Health Chartbook: An Update

National Rural Health Association

03/01/2021-07/31/2021

Total Award \$175,000

Note: Co-Principal Investigator with Dr. Jan Eberth

Rural Health Research Grant Program Cooperative Agreement 2020-2024

Health Resources & Services Administration (HRSA)/HHS

09/01/2020 – 08/31/2024

Total Award \$2,800,000

Note: Co-Principal Investigator with Dr. Jan Eberth

Continuing the Examination of SC MIECHV Client and Staff Attrition and the Organizational Factors that Promote Retention

09/30/2020 – 09/29/2022

Health Resources & Services Administration (HRSA)/HHS in collaboration with Children's Trust of South Carolina

Total Award - \$371,110

Piloting Implementation of family engagement strategies within school mental health services in rural elementary schools

SC Center for Rural and Primary Healthcare
07/01/2020 – 06/31/2021

Total Award \$99,980

Note: Co-Principal Investigator with Dr. Melinda Merrell

Examining SC MIECHV Client and Staff Attrition and the Organizational Factors that Promote Retention

09/30/2019 – 09/29/2021

Health Resources & Services Administration (HRSA)/HHS in collaboration with Children's Trust of South Carolina

Total Award - \$382,061

Community Support for Young Parents (CSYP-II) Evaluation

Children's Trust of South Carolina with funding from the Federal Office of Adolescent Health/HHS

07/01/2018 – 06/30/2020

Total Award \$187,182

Maternal, Infant, and Early Childhood Home Visiting Program Expanded Workforce Evaluation Part II

Health Resources & Services Administration (HRSA)/HHS in collaboration with Children's Trust of South Carolina

10/01/2018 – 09/30/2019

Total Award - \$362,827

Maternal, Infant, and Early Childhood Home Visiting Program Client Survey

Health Resources & Services Administration (HRSA)/HHS in collaboration with Children's Trust of South Carolina

10/01/2018 – 09/30/2020

Total Award - \$395,976

Maternal, Infant, and Early Childhood Home Visiting Program Needs Assessment

Health Resources & Services Administration (HRSA)/HHS in collaboration with Children's Trust of South Carolina

01/01/2019 – 9/30/2020

Total Award \$98,839

CDC Foundation Medicaid Analysis 2019

CDC Foundation/ National Foundation for the Centers for Disease and Control and Prevention, Inc.

03/01/2019 – 12/31/2019

Total Award - \$75,000

Rural Health Research Center Cooperative Agreement 2019-2020 – NCI Project

09/01/2019 – 08/31/2020

Health Resources & Services Administration (HRSA)/HHS

Total Sponsor Amount \$329,775

Role: Co-Principal Investigator with Dr. Jan Eberth

Rural Health Research Grant Program Cooperative Agreement 2018-2019

Health Resources & Services Administration (HRSA)/HHS

11500-FA80

09/01/2018 – 08/31/2019

Total Award \$700,000

PI – Dr. Jan Eberth

Role: Co-Principal Investigator with Dr. Jan Eberth

Return on Investment for the Collaborative for Reproductive Education and Wellness (CREW)

Learning Collaborative

SC Campaign To Prevent Teen Pregnancy with funds from Blue Cross/Blue Shield Foundation of South Carolina

11500-19-51108

03/01/2019 – 12/31/2019

Total Award - \$64,952

Return on Investment for the South Carolina Adolescent Reproductive Health Leadership

Institute (SCARHLI)

South Carolina Campaign to Prevent Teen Pregnancy/The Duke Endowment

11550-KA21

02/16/2018 - 12/15/2018

Total Award - \$35,489

Rural Oral Health Advancement and Delivery Systems (ROADS)

Medical University of South Carolina /DentaQuest Foundation

01/01/2015 – 1/1/2017

Total Award - \$45,000

Birth Outcomes Collaborative

Association of Maternal and Child Health Programs

8/1/2015-12/31/2016

Total Award - \$45,000

Grants and Contracts Funded as Co-Investigator

Rural Health Research Grant Program Cooperative Agreement 2012-2016

Health Resources & Services Administration (HRSA)/HHS

09/01/2012-08/31/2016

Total Award \$2,640,000

PI – Dr. Jan Probst

(10% Time/Effort)

Maternal, Infant, and Early Childhood Home Visiting Program Expanded Workforce Evaluation

Health Resources & Services Administration (HRSA)/HHS in collaboration with Children's Trust of South Carolina

10/01/2016 – 09/30/2017

PI – Dr. Elizabeth Radcliff

Total Award - \$280,403

(59% Time/Effort)

Maternal, Infant, and Early Childhood Home Visiting Program Competitive Enhanced Expansion

with Quality Component Project

Health Resources & Services Administration (HRSA)/HHS in collaboration with Children's Trust of South Carolina

10/01/2016 – 09/30/2017

PI – Dr. Elizabeth Radcliff

Total Award - \$364,354

(16% Time/Effort)

Maternal, Infant, and Early Childhood Home Visiting Program Formula Project

Health Resources & Services Administration (HRSA)/HHS in collaboration with Children's Trust of South Carolina

10/01/2016 – 09/30/2017

PI – Dr. Elizabeth Radcliff

Total Award - \$132,148

(9% Time/Effort)

Maternal, Infant, and Early Childhood Home Visiting Program Expanded Workforce Evaluation Part I

Health Resources & Services Administration (HRSA)/HHS in collaboration with Children's Trust of South Carolina

10/01/2017 – 09/30/2018

PI – Dr. Elizabeth Radcliff

Total Award - \$65,764

(46% Time/Effort)

Analysis of Rural Practice Acquisition Proviso

University of South Carolina School of Medicine Educational Trust/ South Carolina Department of Health and Human Services

7/01/2017 – 7/1/2018

PI – Dr. Jan Eberth

Total Award - \$200,000

(11% Time/Effort)

Maternal, Infant, and Early Childhood Home Visiting Program

Health Resources & Services Administration (HRSA)/HHS in collaboration with Children's Trust of South Carolina

10/01/2018 – 09/30/2020

PI – Dr. Elizabeth Radcliff

Total Award - \$395,976

(50% Time/Effort)

Rural Health Research Grant Program Cooperative Agreement 2018-2019

Health Resources & Services Administration (HRSA)/HHS

Time Period 9/1/2016-8/1/2020

Total Award \$1,487,420

PI – Dr. Jan Probst

(9% Time/Effort)

Scholarship

Manuscripts Under Review

82. **Crouch, E.**, Radcliff, E., Brown, M., and Hung, M. (2022). The association between positive childhood experiences and childhood flourishing among US children. Submitted to *Child Abuse and Neglect* on 9/27/21. As of 10/25/21, with the editor.
81. Eberth, J., Hung, P., Benavidez, G., Probst, J., Zahnd, W., McNatt, M.K., Toussaint, E., Merrell, M., **Crouch, E.**, Oyesode, O., Yell, N. (2022). The problem of the color line: spatial access to hospital services for minoritized racial/ethnic groups. Submitted to *Health Affairs* on 8/17/21. Revision submitted 11/15/21.
80. **Crouch, E.**, Srivastav, A., Stafford, A. (2022). Examining Racial/Ethnic Differences in Positive Childhood Experiences among Respondents in a Southern States. Submitted to *Journal of Child and Adolescent Trauma* on 7/30/21. Under review as of 10/11/21.
79. **Crouch, E.**, Radcliff, E., Merrell, M., Brown, M., and Bennett, K. (2022). A national examination of the association between poverty and interactive caregiving practices among parents of young children. Submitted to *Journal of Child and Family Studies* on 7/16/21. Revise and resubmit letter received 11/9/21. Revision submitted 11/29/21.

Refereed Journal Articles in print or in press (* indicates student author)

78. **Crouch, E.**, Smith, H., Anderson, T. (2022). An examination of caregiver incarceration, positive childhood experiences, and school success. *Children and Youth Services Review*. Accepted 12/11/21.
77. **Crouch, E.**, Radcliff, E., Kelly, K., Merrell, M., and Bennett, K. (2022). Examining the influence of positive childhood experiences on childhood overweight and obesity using a national sample. *Preventive Medicine*, 154, 106907.
76. Brown, M., Kaur, A., James, T., Avalos, C., Addo, P., **Crouch, E.**, Hill, N. (2021). Adverse Childhood Experiences and Subjective Cognitive Decline in the US. *Journal of Applied Gerontology*. Accepted 10/21/21.
75. **Crouch, E.**, Radcliff, E., Merrell, M., Hung, P., and Bennett, K. (2021). Positive Childhood Experiences Promote School Success. *Maternal and Child Health Journal*, 25(10), 1646-1654.
74. Hung, P., Kewiei, S., Probst, J., Zahnd, W., Zgodic, A., Merrell, M., **Crouch, E.**, and Eberth, J. (2021). Trends in cancer treatment service availability across critical access hospitals and prospective payment system hospitals. *Medical Care*.
73. Merrell, M., **Crouch, E.**, Browder, J., Workman, L., Wilson, M., Malbouf, A., Silverman, A. (2021). Home Visiting Caregiver Satisfaction and Engagement in South Carolina. *Journal of Health Visiting*, 9(6), 253-259.
72. Probst, J., **Crouch, E.**, Eberth, J. (2021). COVID-19 risk mitigation behaviors among rural and urban community-dwelling older adults in summer, 2020. *The Journal of Rural Health*.
71. **Crouch, E.**, Radcliff, E., Merrell, M., Bennett, K., and Wilson, A. (2021). Examining Racial-Ethnic Differences in Positive Childhood Experiences Among Rural Children. *Journal of Rural Mental Health*.
70. **Crouch, E.**, Radcliff, E., Bennett, K., Brown, M., and Hung, P. (2021). Examining the relationship between adverse childhood experiences and caregiver-reported ADHD diagnosis and severity. *Academic Pediatrics*.

69. Brown, M., Jiang, Y., Hung, P., Haider, R., and **Crouch, E.** (2021). Disparities by Gender and Race/Ethnicity in Child Maltreatment and Memory Performance. *Journal of Interpersonal Violence*. 08862605211015222.
68. **Crouch, E.**, Radcliff, E., Merrell, M., Brown, M., and Ingram, L. (2021). Racial-ethnic Differences in Positive Childhood Experiences across a National Sample. *Child Abuse and Neglect*, 115, 105012.
67. Zahnd, W., Murphy, C., Knoll, M., Benavidez, G., Day, K., Ranganathan, P., Zgodic, A., Kewei, S., Merrell, M., **Crouch, E.**, Brandt, H., and Eberth, J. (2021). The Intersection of Rural Residence and Minority Race/Ethnicity in Cancer Disparities in the United States. *International Journal of Environmental Research and Public Health*, 18 (4), 1384.
66. **Crouch, E.**, Nelson, J., Merrell, M., and Martin, A. (2021). The Oral Health Status of America's Rural Children: An Opportunity for Policy Change. *Journal of Public Health Dentistry*.
65. Merrell, M., Betley, C., **Crouch, E.**, Hung, P. Stockwell, I. Middleton, A., Pearson, W. (2021). Screening and Treatment of Sexually Transmitted Infections among Medicaid Populations- A Two State Sample. *Sexually Transmitted Diseases*, 48 (8), 572-577.
64. Hung, P., Shih., Brown, M., **Crouch, E.** (2021). Suicide prevention programs across U.S. outpatient mental health care settings: differences by facility ownership. *Psychiatric Services*.
63. Soherwardy, A.,* **Crouch, E.** (2020). Assessing Initiatives for Rural Health Practices in the Southern United States. *American Journal of Undergraduate Research*.
62. Brown, M., Brown, A., Haider, R., Edwards, A., **Crouch, E.**, and Li, X. (2020). Childhood Sexual Trauma and Antiretroviral Therapy Adherence: A Mixed-Methods Systematic Review. *AIDS and behavior*, 1-17.
61. Elmore, A.,* **Crouch, E.**, Chowdhury, M. (2020). The Interaction of Adverse Childhood Experiences and Resiliency on the Outcome of Depression Among Children and Youth, 8-17 year olds. *Child Abuse & Neglect*, 107, 104616.
60. **Crouch, E.**, Radcliff, E., Merrell, M., and Bennett, K., (2020). Rural-Urban Differences in Positive Experiences across a national sample of children. *The Journal of Rural Health*.
59. **Crouch, E.**, Jones, J., Stropolis, M., and Merrick, M. (2020). ACEs, Childhood Poverty and Neglect and Implications for Physical and Mental Health: Data from Two State Samples. *Children and Youth Services Review*, 105155.
58. Merrell, M., Probst, J., **Crouch, E.**, Abshire, D., McKinney, T., Haynes, E. (2020). Are RN-to-BSN Programs Doing Enough to Reach Rural Nursing Students? *Journal of Nursing Education*.
57. Srivastav A.,* Davis R.E., Stropolis M., **Crouch E.**, Thrasher J.F., Spencer M. (2020) Responding to Adverse Childhood Experiences: Understanding the Role of Safe, Stable, and Nurturing Relationships in Reducing Alcohol and Tobacco Related Risk Behaviors. *Journal of Child & Adolescent Substance Abuse*, 1-13.
56. Haynes*, E., **Crouch, E.**, Probst, J., Radcliff, E., Bennett, K., Glover, S. (2020). Exploring the association between a parent's exposure to Adverse Childhood Experiences (ACEs) and outcomes of depression and anxiety among their children. *Children and Youth Services Review*, 105013.
55. Odahowski*, C., **Crouch, E.**, Zahnd, W., Probst, J., Hunt-McKinney, S., and Abshire, D. (2020). Rural-Urban Differences in Educational Attainment among Registered Nurses: Implications for Achieving an 80% BSN Workforce. *Journal of Professional Nursing*.
54. Walker, T., Dicks, L., and **Crouch, E.** (2020). Community Water Fluoridation Perceptions and

- Practice in the United States: Challenges in Governance and Implementation. *Water Policy*.
53. Probst, J., Hung, P., Eberth, J., **Crouch, E.**, Merrell, M., Zahnd, W. (2020). Rural-urban mortality disparities: variations across causes of death and race/ethnicity, 2013-2017. *American journal of public health, 110(9)*, 1325-1327.
 52. Heiney SP, Truman S, Babatunde OA, Felder TM, Eberth JM, **Crouch E**, Wickersham KE, Adams SA. (2020) Racial and Geographic Disparities in Endocrine Therapy Adherence Among Younger Breast Cancer Survivors. *American journal of clinical oncology*.
 51. Elmore*, A., **Crouch, E.** (2020). The Association of Adverse Childhood Experiences with Anxiety and Depression for Children and Youth, 8 to 17 Years of Age. *Academic Pediatrics*.
 50. Zahnd, W., **Crouch, E.**, Probst, J., Hunt-McKinney, S., Haynes, E., Abshire, D., Eberth, J. (2020). Factors Associated with Perceived Job Preparedness among Registered Nurses: Results from a National Survey. *The Journal of Nursing Administration| JONA, 50(5)*, 251-253.
 49. Srivastav A.*, Spencer M., Strompolis M., Thrasher J.F., **Crouch E.**, Palamro-Munsell, E., Davis R.E. (2020). Exploring Practitioner and Policymaker Perspectives on Public Health Approaches to Adverse Childhood Experiences (ACEs) in South Carolina. *Child Abuse & Neglect, 102*, 104391.
 48. **Crouch, E.**, Beeson, S., Strompolis, M., and Smith, H. (2020). Examining the Prevalence of Adverse Childhood Experiences among Juvenile Offenders. *Journal of Applied Juvenile Justice Services*.
 47. Srivastav A.*, Spencer M., Strompolis M., Thrasher J.F., **Crouch E.**, Davis R.E. (2020) Addressing health and well-being through state policy: understanding barriers and opportunities for policy-making to prevent Adverse Childhood Experiences (ACEs) in South Carolina. *American Journal of Health Promotion, 34(2)*, 189-197.
 46. Hung, P., Deng, S., Zahnd, W., Adams, S., Olatosi, B., **Crouch, E.**, and Eberth, J (2020). Geographic disparities in residential proximity to colorectal and cervical cancer care providers. *Cancer, 126(5)*, 1068-1076.
 45. Probst, J., Eberth, J., and **Crouch, E.** (2019). Structural Urbanism Contributes to Poorer Health Outcomes for Rural America. *Health Affairs, 38 (12)*, 1976-1984.
 44. **Crouch, E.**, Nelson, J., Radcliff, E., and Martin, A. (2019). Exploring associations between adverse childhood experiences and oral health among children and adolescents. *Journal of Public Health Dentistry*. Dec;79(4):352-360.
 43. **Crouch, E.**, Radcliff, E., Hung, P., and Bennett, K. (2019). Challenges to School Success and the Role of Adverse Childhood Experiences (ACEs). *Academic Pediatrics*. Nov-Dec;19(8):899-907.
 42. **Crouch, E.**, Radcliff, E., Brown, M., Hung, P. (2019). Exploring the association between parenting stress and a child's exposure to Adverse Childhood Experiences (ACEs). *Children and Youth Services Review, 102*, 186-192.
 41. Eberth, J., **Crouch, E.**, Josey, M., Zahnd, W., Adams, S., Stiles, B., and Schootman, M. (2019). Rural-Urban Differences in access to thoracic surgery in the United States, 2010-2014. *The Annals of thoracic surgery*. Oct;108(4):1087-1093.
 40. **Crouch, E.**, Probst, J., Radcliff, E., Bennett, K., and Hunt-McKinney, T. (2019). Prevalence of Adverse Childhood Experiences (ACES) among U.S. Children. *Child Abuse and Neglect, 92*, 209-218.

39. **Crouch, E.**, Dickes, L., Probst, J., Bennett, K., and Walker, T. (2019). Identifying Families at Risk For Out-of-Pocket Caregiving Costs Using a US Population-based Sample. *Family Science Review*, 23(1).
38. **Crouch, E.**, Radcliff, E., Probst, J., Bennett, K., and Hunt-McKinney, T. (2019). Rural-Urban Differences in Adverse Childhood Experiences across a national sample of children. *The Journal of Rural Health*. 2020 Jan;36(1):55-64.
37. Breneman, C., Probst, J., **Crouch, E.** (2019). Assessing Change in Physician Practice Organization Profile in South Carolina: A Longitudinal Study. *The Journal of Rural Health*. 2020 Jun; 36(3):283-291.
36. Gordon, N. and **Crouch, E.** (2019). Digital Information Technology Use and Patient Preferences for Internet-Based Health Education Modalities: Cross-Sectional Survey Study of Middle-Aged and Older Adults With Chronic Health Conditions. *JMIR Aging*, 2(1), e12243.
35. **Crouch, E.**, Radcliff, E., Strompolis, M., Bennett, K., and Probst, J. (2019). Examining the impact of a protective adult on long-term mental health among rural residents. *Journal of Rural Mental Health*, 43(2-3), 81.
34. **Crouch, E.** and Gordon, N. (2019). Prevalence and Factors Influencing Use of Internet and Electronic Health Resources by Middle-Aged and Older Adults in a US Health Plan Population: Cross-Sectional Survey Study. *JMIR Aging*, 2(1), e11451.
33. Radcliff, B., **Crouch, E.**, Strompolis, M., and Srivastav, A. (2019). Homelessness in childhood and adverse childhood experiences (ACEs). *Maternal and Child Health Journal*. 23 (6): 811-820.
32. Strompolis, M., Tucker, W., **Crouch, E.** and Radcliff, E. (2019). The Intersectionality of Adverse Childhood Experiences, Race/Ethnicity, and Income: Implications for Policy. *Journal of Prevention and Intervention in the Community*. DOI: 10.1080/10852352.2019.161738.
31. Radcliff, E., Breneman, C., **Crouch, E.**, Baldwin, I. (2018). Are we serving the most at-risk communities? Examining the reach of a South Carolina home visiting program. *Journal of Community Health*, 2019 Aug;44(4):764-771.
30. **Crouch, E.**, Probst, J. Bennett, K., and Eberth, J. (2018). Differences in Medicare Utilization and Expenditures in the Last Six Months of Life among Patients with and without Alzheimer's disease and related disorders in the United States. *Journal of Palliative Medicine*, Feb;22(2):126-131.
29. Dickes, L., **Crouch, E.**, and Walker, T. (2018). Socioeconomic Determinants of Broadband Adoption among Consumer Households in a Southern State. *Journal of Depopulation and Rural Development*. DOI: 10.4422/ager.2018.17
28. **Crouch, E.**, Radcliff, E., Strompolis, M., and Hartley, S. (2018). Behavioral Risk Factor Surveillance System state survey on exposure to Adverse Childhood Experiences (ACEs): Who declines to respond? *Children and Youth Services Review*. 91:259-262.
27. Bennett, K., Probst, J., Bullard, J. and **Crouch, E.** (2018). The important of Rural Hospitals: Transfers and 30-Day Readmissions among Rural Residents and Patents Presenting at Rural Hospitals. *Population Health Management*. 22 (2): 120-126.
26. **Crouch, E.**, Radcliff, E., Nelson, J., Strompolis, M., and Martin, A. (2018). Dental Care in childhood and the experience of Adverse Childhood Experiences. *Community Dentistry and Oral Epidemiology*. 2018 Oct;46(5):442-448.
25. **Crouch, E.**, Radcliff, E., Strompolis, M., and Srivastav, A. (2018). Safe, Stable, and Nurtured: protective factors against poor physical and mental health outcomes following exposure to

- Adverse Childhood Experiences (ACEs). *Journal of Child and Adolescent Trauma*. 2018 May 25;12(2):165-173.
24. **Crouch, E.**, Eberth, J., Probst, J. Bennett, K., and Adams, S. (2019). Rural-Urban Differences in Costs of End-of-Life Care in the last six months of life among patients with breast, lung, or colorectal cancer. *The Journal of Rural Health*. 2019 Mar;35(2):199-207.
 23. Powell* S, Odahowski C, **Crouch E**, Sercy E, Knight Jackie, Eberth JM. (2018). Knowledge and behaviors associated with a campus tobacco-free policy. *American Journal of Undergraduate Research*. 14(4):39-47.
 22. **Crouch, E.**, Radcliff, E., Strompolis, M., and Wilson, A. (2018). Examining the Association between Adverse Childhood Experiences (ACES) and Smoking-Exacerbated Illness. *Public Health*, 157: 62-68.
 21. Radcliff, E., **Crouch, E.**, and Strompolis, M. (2018). Rural-Urban Differences in Adverse Childhood Experiences in South Carolina Adults. *Rural and Remote Health*, 18:4434.
 20. **Crouch, E.**, Strompolis, M., Radcliff, E. and Srivastav A. (2018). Examining exposure to adverse childhood experiences and later outcomes of poor physical and mental health among South Carolina adults. *Children and Youth Services Review*, 84:193-197.
 19. Radcliff, E., Gustafson, E., **Crouch, E.** and Bennett, K. (2017). Examining uptake of Supplemental Nutrition Assistance Program (SNAP) benefits by participants in a South Carolina home visiting program. *Social Work*. 63 (3): 244-251.
 18. **Crouch, E.**, Probst, J., Bennett, K., and Eberth, J. (2017). Gender and Geographic Differences in Medicare service utilization during the last six months of life. *Journal of Women and Aging*, 1-12.
 17. **Crouch, E.**, Radcliff, E., Strompolis, M., and Wilson, A. (2017). Alcohol Use and Adverse Childhood Experiences in South Carolina Adults. *Substance Use and Misuse*. 53 (7): 1212-1220.
 16. Radcliff, E., **Crouch, E.**, Browder, J. and Place, J. (2017). Examining characteristics, job satisfaction, and skills of a home visiting workforce in South Carolina. *Journal of Health Visiting*. 5(11):558-565.
 15. Ishii*, J., Davis, A., **Crouch, E.**, and Dickes, L. (2017). The Effects of Watching “The Dr. Oz Show” on Achieving Weight Loss Goals. *The Journal of the South Carolina Medical Association*, 113 (2), 54-57.
 14. **Crouch, E.**, Probst, J., Bennett, K., and Hardin, J. (2017). Supply-Side Differences Only Modestly Associated with Inpatient Hospitalizations among Medicare Beneficiaries in the Last 6 Months of Life Journal of Pain and Symptom Management. *Journal of Pain and Symptom Management*, 54(5):661-669.
 13. **Crouch, E.**, Probst, J., and Bennett, K. (2017). Rural-Urban Differences in Unpaid Caregivers of Adults. *Rural and Remote Health*, 17(4):4351.
 12. Dickes, L., **Crouch, E.**, and Walker, T. (2017). Local Entrepreneurial Programming: Myth or Reality; A Southern Case Study. *Journal of Entrepreneurship and Public Policy*, 6 (2): 224-241.
 11. **Crouch, E.L.**, Probst, J., Bennett, K.J., and Carroll, T. (2017). Evaluating Loss to Follow-Up in Newborn Hearing Screening in a Southern State. *Journal of Early Hearing Detection and Intervention*, 2(1).
 10. **Crouch, E.**, Strompolis, M., Morse, M., Bennett, K., and Radcliff, E. (2017). Assessing the Interrelatedness of Multiple Types of Adverse Childhood Experiences and Odds for Poor Health in South Carolina Adults. *Child Abuse and Neglect*, 65, 204-211.

9. **Crouch, E.**, Dickes, L., Davis, A., and Ishii, J. (2016). The Effects of Dr. Oz on Health Behaviors and Attitudes. *American Journal of Health Education*, 47(6), 373-378. DOI: 10.1080/19325037.2016.1219283
8. **Crouch, E.** and Dickes, L. (2016). Evaluating a Nutrition Education Program in an Era of Food Insecurity. *Journal of Hunger and Environmental Nutrition*, 12(1), 101-111. DOI: 10.1080/19320248.2016.1227748
7. Carey, R., Dickes, L., and **Crouch, E.** (2016). The Economic Impact of Changing Water Levels: A Regional Economic Analysis of Lake Thurmond. *The Journal of Public Management and Social Policy*, 23(2), Article 4.
6. Gareau, S., Lòpez-De Fede, A., Loudermilk, B., Cummings, T.H., Hardin, J.W., Picklesimer, A.H., **Crouch, E.**, and Covington-Kolb, S. (2016). Group Prenatal Care Results in Medicaid Savings with Better Outcomes: A Propensity Score Analysis of Centering Pregnancy Participation in South Carolina. *Maternal and Child Health Journal*, 20(7), 1384-1393.
5. **Crouch, E.** and Dickes, L.A. (2016). Economic Repercussions of Marital Infidelity. *International Journal of Sociology and Social Policy*, 36(5), 53-65.
4. Dickes, L.A. and **Crouch, E.** (2015). The Impact of Changing Lake Levels on Property Values. *The Review of Regional Studies*, 45(3), 221-235.
3. Dickes, L.A. and **Crouch, E.** (2015). Policy Effectiveness of US Governors: The Role of Gender and Changing Institutional Powers. *Women's Studies International Forum*, 53, 90-98.
2. **Crouch, E.**, Dickes, L., and Kahle, A. (2015). Review on Antibiotic Resistance. *Advances in Pharmacoepidemiology & Drug Safety*, 4, 183. DOI: 10.4172/2167-1052.1000183.
1. **Crouch, E.** and Dickes, L.A. (2015). A Prediction Model of Childhood Immunization Rates. *Applied Health Economics and Health Policy*, 13(2), 243-251.

Technical/White Papers/Policy Briefs/Book Chapters

Probst, J., Eberth, J., and Crouch, E. (2018). Rural America: Public Health Challenges and Opportunities. To be published in the next edition of Maxcy-Rosenau-Last's *Public Health and Preventive Medicine*.

Crouch, E., and Eberth, J. 2018-2019 Travel Program, Key Facts Sheet.
https://www.sc.edu/study/colleges_schools/public_health/research/research_centers/sc_rural_health_research_center/documents/travelgrantprogram20182019.pdf

Dickes, L., Crouch, E., and Walker, T. (2018). Mustang Alley, Return on Investment Study: Town of Williamston, SC. Consulting project paid for by the town of Williamston, South Carolina, Envision Williamston.

Crouch, E., Bennett, K., and Probst, J. (2017). Differences in Medicare Service Use in the last Six Months of Life among Rural and Urban Dual-Eligible Beneficiaries. Rural Health Research Gateway.

Crouch, E., Bennett, K., and Probst, J. (2017). Rural-Urban Differences in Medicare Service Use in the Last Six Months of Life. Rural Health Research Gateway.

Crouch, E., Lopez-De Fede, A., Cummings, T., and Gareau S. (2014). *A Health Economic Evaluation of the Centering Pregnancy Model Among Mothers in South Carolina Medicaid 2014*. Columbia, SC: University of South Carolina, Institute for Families in Society.

Crouch, E., Lopez-De Fede, A., Cummings, T., Gareau S., and Hardin, J.W. (2014). *Economic Analysis: Nurse Family Partnership Medicaid Preliminary Analysis*. Columbia, SC: University of South Carolina, Institute for Families in Society.

López-DeFede, A., Crouch, E., Gareau, S., and Wilkerson, R., (2014). *An Economic Analysis of the South Carolina Birth Outcomes Initiative*. Columbia, SC: University of South Carolina, Institute for Families in Society.

Crouch, E. (2011). *Infidelity & GDP*. Bobby Goldstein Productions, <http://www.cheaters.com/wp-content/uploads/2011/11/infidelitystudy.pdf>

Presentations

Invited Presentations (National)

Invited speaker at the White House COVID-19 Health Equity Task Force on May 10, 2021. Title of Talk: “Racism and xenophobia from a rural health lens” with Dr. Jan Eberth and Dr Carrie Henning-Smith.

Invited speaker at the congressional initiative, the Federal Interagency Taskforce on Trauma-Informed Care. Hosted by the Substance Abuse and Mental Health Services Administration (SAMSHA) on July 12, 2019 in Rockville, Maryland. Title of talk: “The Prevalence of Adverse Childhood Experiences Among U.S. Children.”

April 16, 2018: Invited Speaker for the National Rural Health Advisory Committee Meeting in Saratoga Springs, New York, for a talk entitled “Rural-Urban Differences in Adverse Childhood Experiences.”

Competitive Conference Presentations

Crouch, E., Nelson, J. Oral Health Status of America’s Rural Children. Zufall Health Center's 3rd Annual Rural Oral Health Virtual Conference 2021. Virtual Oral Presentation. 2021 November.

Crouch, E., Ramage, C., Probst, J. Positive Childhood Experiences before and during COVID-19. National Rural Health Association. Virtual Oral Presentation. 2021 May.

Merrell, M., **Crouch, E.**, Hung, P., Brown, M. Rural Sexually Transmitted Infections: where do rural residents go? National Rural Health Association. Virtual Poster Presentation. 2021 May.

Workman, L., Merrell, M., **Crouch, E.**, Browder, J. Reaching rural communities with home visiting before and during the COVID-19 pandemic.

Crouch, E., Probst, J. Positive Childhood Experiences before and during COVID-19. Nurturing Minds Conference, Institute for Child Success. Virtual Oral Presentation. 2021 February.

Merrell M, **Crouch E.** Adverse Childhood Experiences in Rural Communities. NOSORH Region D Meeting Virtual Oral Presentation. 2020 August

Merrell M, **Crouch E.** Adverse Childhood Experiences in Rural Communities. NOSORH Region C Meeting Virtual Oral Presentation. 2020 July

Hung, P., **Crouch, E.**, Probst, J. (2020). Specialty Mental Health Programs in Rural America. National Rural Health Association Health Annual Conference. Due to pandemic, moved online. June 19, 2020.

Crouch, E., Bennett, K. (2020). Rural-Urban Differences in factors for successful aging among

LGBT individuals. National Rural Health Association Health Equity Conference. Due to pandemic, moved online. June 16, 2020.

Zahnd, W., **Crouch, E.**, Eberth, J., Hung, P. (2020). Rural Minority Disparities across the Life Span. National Rural Health Association Health Equity Conference. Due to pandemic, moved online. June 16, 2020.

Crouch, E., Burgis, J., Srivastav, A., and Foster, R. (2019). Early Childhood: #ThisIsPublicHealth. Oral Presentation at the SC Summit on Early Childhood. Columbia, SC. December 2019.

Srivastav, A., Davis, R., Strompolis, M., Thrasher, J., Spender, M., and **Crouch, E.** (2019). Moderating the Effects of Adverse Childhood Experiences: Understanding the Role of Safe, Stable, and Nurturing Relationships on Risk Behaviors. Poster Presentation at the American Public Health Association, Philadelphia, PA.

Brown, MJ, Haider, MR, **Crouch, E.**, and Hung, P. (2019). Sex Disparities in Adverse Childhood Experiences and Cognition among Young Adults: Results from a Nationally Representative Sample. American College of Epidemiology Conference. Pasadena, California. 2019 September. Poster Presentation.

Bennett, K., Kacka, M., Probst, J., and **Crouch, E.** (2019). Health Care Resource Index: Development and Utility. WONCA World Rural Health Conference. Albuquerque, New Mexico. 2019 October. Oral Presentation.

Crouch, E. (July 2019). Invited speaker for the Interagency Task Force on Trauma Informed-Care, by the Substance Abuse and Mental Health Services Administration. Prevalence of Adverse Childhood Experiences Among U.S. Children.

Hung P, Deng S, Zahnd W, Adams S, Olatosi B, **Crouch E**, Eberth JM. Urban-rural disparities in residential access to colorectal and cervical cancer care specialist. National Rural Health Association Annual Meeting. Atlanta, GA. 2019 May. Poster Presentation.

Probst JC, Eberth JM, Bennett K, **Crouch E**. Home & guns: rural-urban differences in firearm storage. National Rural Health Association Annual Meeting. Atlanta, GA. 2019 May. Poster Presentation.

Eberth JM, Zahnd WE, Brandt HM, **Crouch EL**. Cancer prevention and control research in rural populations. National Rural Health Association Annual Meeting. Atlanta, GA. 2019 May. Panel Presentation.

Crouch EL, Probst JC, Radcliff E. Adverse childhood experiences in rural communities. National Rural Health Association Annual Meeting. Atlanta, GA. 2019 May. Panel Presentation.

Crouch, E., Baram, T., and Tottenham, N. (February 15, 2019). Neurobiological and Public Health Perspectives on Early Life Adversity. Oral Presentation as part of session at American Association for the Advancement of Science (AAAS), Washington, D.C.

Crouch, E. (November 28, 2018). Adverse Childhood Experiences and Rural/Urban Disparities: Going “Upstream” to Improve Health. Featured Speaker Presentation at Reforming States Group Meeting, Milbank Memorial Fund, Charleston, SC.

Crouch, E., Radcliff, E., Strompolis, M., and Srivastav, A. (November 13, 2018). Safe and nurtured: Protective Factors against poor health outcomes following exposure to Adverse Childhood Experiences. Poster Presentation at the American Public Health Association, San Diego, CA.

Crouch, E. (September 21, 2018). The Status of Rural Health in the Southeast United States.

Featured Speaker Presentation at 6th Annual Rural HIV and Research Training Conference, Savannah, GA.

Gordon, N. and **Crouch, E.** (June 25, 2018). Prevalence of and Factors Influencing Use of Online Resources for Health Information and Advice by Middle-Aged and Older Adults. Poster Presentation at Academy Health Annual Research Meeting, Seattle, WA.

Eberth, J., **Crouch, E.**, Josey, M., Zahnd, W., Adams, S., Stiles, B., and Schootman, M. (May 2018). Rural-Urban Differences in access to thoracic surgery in the United States, 2010-2014. Poster Presentation at the Accelerating Rural Cancer Control Research Meeting.

Crouch, E., Radcliff, E., Stropolis, M. and Bennett, K. (May 2018). Rural-Urban Differences in Protective Factors in Respondents exposed to Adverse Childhood Experiences (ACEs). Oral Presentation at National Rural Health Association, New Orleans, LA.

Crouch, E., Eberth, J., Probst, J. Bennett, K., and Adams, S. (May 2018). Rural-Urban Differences in Costs of End-of-Life Care for in the last six months of life among patients with breast, lung, or colorectal cancer. Oral Presentation at National Rural Health Association, New Orleans, LA.

Probst, J., Bennett, K. and **Crouch, E.** (May 2018). Mortality and End of Life Care issues among Rural Residents. Oral Presentation at National Rural Health Association, New Orleans, LA.

Radcliff, E., **Crouch, E.**, and Stropolis, M. "Examining exposure to Adverse Childhood Experiences (ACEs) among South Carolina adults." Poster presented at the Zero to Three Annual Conference, San Diego. November 29-December 1, 2017.

Liu, J., Karim, S., Probst, J., Burgis, J., **Crouch, E.**, and Cai, B. (November 17, 2017). Infant Outcomes After Elective Early-Term Delivery Compared with Expectant Management in South Carolina, 2014. Poster presented at the 2017 Annual South Carolina Birth Outcomes Initiative Symposium, Columbus, GA.

Jones, K., Probst, J., Hardin, J., **Crouch, E.**, and McKinney, S. (November 7, 2017). Concordance between Inpatient and Outpatient Recognition of Clinical Depression in Older Adults. Poster presented at the American Public Health Association Conference: Topics on Mental Health in Epidemiology and Public Health, Atlanta, GA.

Stropolis, M., **Crouch, E.**, and Radcliff, E. (October 20, 2017). Our So-called Collaborative Life: How a State-based Adverse Childhood Experience Initiative was Born in South Carolina. Presentation at the Adverse Childhood Experiences Southeastern Summit 2017: The Art of Healing Aces, Asheville, NC.

Radcliff, E., **Crouch, E.**, and Stropolis, M. (October 20, 2017). Rural-Urban Differences in Exposure to Adverse Childhood Experiences Among South Carolina Adults. Presentation at the Adverse Childhood Experiences Southeastern Summit 2017: The Art of Healing Aces, Asheville, NC.

Crouch, E., Bennett, K., and Probst, J. Rural-Urban Differences in Unpaid Caregivers of Adults. (May 2017). Oral Presentation at National Rural Health Association, San Diego, CA.

Crouch, E., Bennett, K., and Probst, J. (May 2017). Supply-Side Differences Associated with Inpatient Hospitalizations among Medicare Beneficiaries in the Last 6 Months of Life. Poster at National Rural Health Association, San Diego, CA.

Radcliff, B., **Crouch, E.**, and Stropolis, M. (May 2017). Rural-Urban Differences in Adverse Childhood Experiences in South Carolina Adults. Poster at National Rural Health Association, San Diego, CA.

Crouch, E., Bennett, K., and Probst, J. (November 2016). Rural-Urban Differences in Medicare Service. Poster Presentation at The Gerontological Society of America's 69th Annual Scientific Meeting, New Orleans, LA.

Crouch, E., Bennett, K., and Probst, J. (October 2015). Rural-Urban Differences in Medicare Service Use among Women in the Last Six Months of Life. Poster and Oral Presentation at the Carolina Women's Health Conference, Columbia, SC. Awarded "Best Social Science" poster.

Zarandy, J., Davis, A., **Crouch, E.,** and Dickes, L. (April 2015). Effects of Watching "The Dr. Oz Show" on Achieving Weight Loss Goals. Poster Presentation at the Society of Teachers of Family Medicine Annual Conference, Orlando, FL.

Gareau, S., **Crouch, E.,** Lopez, A., and Cummings, T. (November 2015). Number of Visits Matter: An Exploration of Dosing in Group Prenatal Care. Poster Presentation at the American Public Health Association Meeting, Chicago, IL.

Contributions to Education

UofSC Doctoral Committees

Completed as Chair:

Oluwatosin Momodu, with Dr. Jihong Liu, December 2021, PhD in Health Services Policy and Management

Mary Wilson, August 2021, PhD in Health Services Policy and Management

Alex Delage, August 2021, PhD in Health Services Policy and Management

Eboni Haynes, December 2019, PhD in Health Services Policy and Management

Current as Chair:

Avinash Sukhwil, candidate for PhD in Health Services Policy and Management (Estimated Completion Date: April 2022)

Current as Committee Member:

Jack Reeves, candidate for PhD in Health Services Policy and Management

Completed as Committee Member:

December 2019. PhD in Health Services Policy and Management, Kaitlyn Crosby.

December 2019. PhD in Health Services Policy and Management, Victor Kirkey.

December 2019. PhD in Health Services Policy and Management, Songyuan Deng.

May 2019. PhD in Health Services Policy and Management, Lumi Bakos,

May 2019. PhD in Health Services Policy and Management, Sarah Sullivan.

May 2019. PhD in Health Promotion, Education, and Behavior. Aditi Brussels.

December 2017. PhD in Health Services Policy and Management. Matt Yuen.

August 2017. PhD in Health Services Policy and Management, Karen Jones

August 2016. PhD in Health Services Policy and Management, Ashley Robertson.

UofSC Master's Committee Members

December 2017, Elijah Christian, MPH in Health Services Policy and Management.

December 2017, Dom Francis, MPH in Health Services Policy and Management.

August 2017, Megan Surles, MPH in Health Services Policy and Management.

December 2015. Ashley Guthrie. MPH in Health Services Policy and Management.

UofSC Honors College

May 2021, Raeann Vossberg, South Carolina Honors College, honors' thesis.

August 2018, Aalia Soherwardy, South Carolina Honors College, honors' thesis.

Educational Service and Other Activities

National Advisory Workgroups

February 2020-present. Rural Healthy People 2030/2040 National Workgroup with the Centers for Disease Control and Prevention.

State Advisory Workgroups:

January 2020-present. South Carolina Center for Rural and Principal Healthcare Advisory Committee. Contact: Dr. Kevin Bennett.

Other State and Local Activities:

August 2018-present. Committee member of the MHA Admissions and Curriculum Committee for Dr. Banky Olatosi.

August 2017-present. Committee member of the Scholastic Standards and Petitions Committee, Arnold School of Public Health.

August 2017-present. Committee member of MPH Admissions Committee for Dr. Kelli Kenison.

Guest Lecture for Dr Lucy Ingram's Racial Health Disparities class, April 7, 2020, "Unaddressed disparities among rural minority populations."

December 2019- February 2020. Community Health Worker Institute ROI Pilot Study RFP Hoc Review Panel. Contact: Julie Smithwick.

September 27, 2018. Invited Speaker on "Return on Investment for the Adolescent Collaborative for Education and Wellness (CREW)" at the South Carolina Campaign to Prevent Teen Pregnancy's Expert Task Force Meeting on "Developing and Scaling Models to Increase Contraceptive Access for Young People." Charleston, South Carolina.

September 19, 2018. Invited Speaker on Research Methods for the Children's Trust of South Carolina State Data Team Meeting.

March 21, 2018: Speaker at the Cancer Survivorship Center at the University of South Carolina School of Nursing, talk entitled "The Story Behind Economic Analyses."

November 10, 2017: Keynote Speaker for Teaching Healthcare Economics for the South Carolina Council on Economic Education.

South Carolina Behavioral Risk Factor Surveillance System (BRFSS) Advisory Group 2016, 2017, 2018, 2019, 2020

August 2017-May 2018. Committee member for redesign of MPH Core Curriculum for Dr. Delores Pluto.

March 23, 2018: Keynote Speaker for Teaching Healthcare Economics for the South Carolina Council on Economic Education.

April 2018: Discovery Day at the University of South Carolina.

April 2017: Discovery Day at the University of South Carolina. Reviewed health science research posters for students.

March 1, 2017: Keynote Speaker for the South Carolina Certified Nurse Anesthetists Day at the

Capitol.

April 2016: Discovery Day at the University of South Carolina. Reviewed health science research posters for students.

May 2014: Peer Review survey methodology for Connected Nation's South Carolina Statewide Economic Developers Broadband Survey.

February 2013: Peer Review survey methodology for Connected Nation's South Carolina Statewide Residential Technology Survey.

October 2013: Peer Review survey methodology for Connected Nation's South Carolina Statewide Business Survey.

Manuscript Reviewer for *Journal of Adolescent Health*, *Applied Health Economics and Health Policy*, *International Journal of Sociology and Social Policy*, *Health Promotion Practice*, *American Journal of Preventive Medicine*, *BMC Public Health*, *The Journal of Rural Health*, *Children and Youth Services Review*, *Community Dentistry and Oral Epidemiology*, *Military Behavioral Health*, *Child Abuse and Neglect*.

Courses Taught

University of South Carolina

HSPM 846: Advanced Topics in Health Policy and Management (Fall 2018, Fall 2020)

HSPM 709: Perspectives in Rural Health (Spring 2018, Spring 2019, Spring 2020, Spring 2021)

HSPM 514: Introduction to Health Services and Policy (Fall 2017)

HSPM 791: Introduction to Health Policy (Spring 2017) with Dr. Kelli Kenison

Media Coverage

Article highlighting my research in *Charleston City Paper*. "Considering the long-term effects of Child abuse in South Carolina as a healthcare crisis."

<https://www.charlestoncitypaper.com/charleston/considering-the-long-term-effects-of-child-abuse-in-south-carolina-as-a-health-care-crisis/Content?oid=9536477>

Association of Schools and Programs of Public Health. South Carolina: National Rural Health Association Elects Elizabeth Crouch to Board of Trustees.

<https://www.aspph.org/south-carolina-national-rural-health-association-elects-elizabeth-crouch-to-board-of-trustees/>

Becker's Hospital Review. Can population health save rural America?

<https://www.beckershospitalreview.com/care-coordination/can-population-health-save-rural-healthcare.html>

Arnold School of Public Health. Rural and Minority Research Center awarded \$2.8 million from the Health Services Research Administration.

https://www.sc.edu/study/colleges_schools/public_health/about/news/2020/hrsa_grant_rmhrc.php#.X2uZr2hKgox

Arnold School of Public Health. National Rural Health Association elects Elizabeth Crouch to the Board of Trustees.

https://www.sc.edu/study/colleges_schools/public_health/about/news/2020/nrha_bot_crouch.php#.X2uaBGhKgox

Arnold School of Public Health. HSPM's Elizabeth Crouch selected to join National Rural Health

Association's 2018 Rural Health Fellows Program.

https://www.sc.edu/study/colleges_schools/public_health/about/news/2017/rural_health_fellows_crouch.php#.X2uapGhKgoy

Arnold School of Public Health. Nearly two decades after its inception, South Carolina Rural Health Research Center gets new name and new leadership.

https://sc.edu/study/colleges_schools/public_health/about/news/2018/rural-minority_health_research_center.php#.X2uaxGhKgoy

Arnold School of Public Health. Study Examines Rural-Urban Differences in Positive Childhood Experiences Across a National Sample.

https://sc.edu/study/colleges_schools/public_health/internal/documents/positive_childhood_experiences_crouch_fl.pdf